

1. Incident Name: Sturgeon River US-41 Gasoline Spill	2. Operational Period: Starting: February 10, 2018, 0830 End: February 10, 2018, 1900	IAP Cover Sheet
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3. Approved by Incident Commander(s):

Ralph Dollhopf **Ralph Dollhopf, U.S. EPA** *2-9-18 1700*

Amy Keranen **Amy Keranen, Michigan Department of Environmental Quality**

Rich Baron **Rich Baron, Kenan Advantage Group**

Cathryn Beer **Cathryn Beer, WUPHD**

Chris Van Arsdale **Chris Van Arsdale, Houghton County EM**

Incident Action Plan

The items below are included in this Incident Action Plan:

- ICS 202 (Response Objectives)
- ICS 203 (Organization Assignment List)
- ICS 204 (Assignment List)



7. Prepared by: Name: Dan Capone Position/Title: Planning Section Chief Signature: *Dan Capone*

INCIDENT OBJECTIVES (ICS 202)

1. Incident Name: Sturgeon River US-41 Gasoline Spill	2. Operational Period: Date From: 2-10-18 Time From: 08:30	Date To: 2-10-18 Time To: 19:00													
3. Objective(s): Protect public safety. Protect worker safety. Recover product from the river. Remove product spilled onto the land. Assess potential down river impacts. Develop Work Plan for all elements of long-term recovery phase.															
4. Operational Period Command Emphasis: Continue additional air monitoring in residential areas. Continue assessment of river for gasoline below the ice. Monitor and recover gasoline on the ice or outside of the sheet piling. Continue excavation and hauling impacted soil from spill source area along both sides and under bridge. Begin consideration of intermediate engineering controls for dual phase containment and recovery of spilled product around and under bridge.															
General Situational Awareness Product recovery from the banks along both sides of the bridge continues. Public health considerations are ongoing. River assessment is ongoing.															
5. Site Safety Plan Required? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Approved Site Safety Plan(s) Located at: Command center trailer															
6. Incident Action Plan (the items checked below are included in this Incident Action Plan): <table style="width: 100%; border: none;"> <tr> <td><input checked="" type="checkbox"/> ICS 202</td> <td><input type="checkbox"/> ICS 206</td> <td rowspan="6" style="vertical-align: top;"> Other Attachments: <input checked="" type="checkbox"/> Traffic Control Plan <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> </td> </tr> <tr> <td><input checked="" type="checkbox"/> ICS 203</td> <td><input type="checkbox"/> ICS 207</td> </tr> <tr> <td><input checked="" type="checkbox"/> ICS 204</td> <td><input type="checkbox"/> ICS 208</td> </tr> <tr> <td><input type="checkbox"/> ICS 205</td> <td><input checked="" type="checkbox"/> Map/Chart</td> </tr> <tr> <td><input type="checkbox"/> ICS 205A</td> <td><input type="checkbox"/> Weather Forecast/Tides/Currents</td> </tr> <tr> <td colspan="2"></td> </tr> </table>			<input checked="" type="checkbox"/> ICS 202	<input type="checkbox"/> ICS 206	Other Attachments: <input checked="" type="checkbox"/> Traffic Control Plan <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input checked="" type="checkbox"/> ICS 203	<input type="checkbox"/> ICS 207	<input checked="" type="checkbox"/> ICS 204	<input type="checkbox"/> ICS 208	<input type="checkbox"/> ICS 205	<input checked="" type="checkbox"/> Map/Chart	<input type="checkbox"/> ICS 205A	<input type="checkbox"/> Weather Forecast/Tides/Currents		
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7. Prepared by: Name: Dan Capone Position/Title: Planning Section Chief Signature: <i>Dan Capone</i>															
8. Approved by Incident Commander: Name: OSC Ralph Dollhopf Signature: <i>Ralph Dollhopf</i>															
ICS 202	IAP Page 2	Date/Time: 1700 / 2-9-18													

ORGANIZATION ASSIGNMENT LIST (ICS 203)

1. Incident Name: Sturgeon River US-41 Gasoline Spill		2. Operational Period: Date From: 2-10-18 Time From: 0830		Date To: 2-10-18 Time To: 1900															
3. Incident Commander(s)/ Agency Incident Coordinator and Command Staff: (include location) <input type="checkbox"/> IMT IC/UCs Unified Command <input type="checkbox"/> IMG AIC Deputy Safety Officer Tom Anthos 906-360-1545 Public Info. Officer Liaison Officer			7. Operations Section: Chief Tom Anthos 906-360-1545 Deputy Dan Capone 517-881-8837 Staging Area Branch River Assessment and Recovery Branch Director Mylan Koski 906-360-4027 Deputy Brandon Ray 269-719-5541 Division/Group Assessment 906-360-4027 Division/Group Recovery 269-719-5541 Branch B a n k R e c o v e r y Branch Director James Deliefde 734-277-7103 Deputy Division/Group Division/Group Division/Group Division/Group Branch Air Monitoring and Sampling Branch Director Ashley Miller 330-646-7870 Deputy Division/Group TriMedia 906-360-0024 Division/Group EPA START 330-646-7870 Division/Group Division/Group Division/Group																
4. Agency/Organization Representatives: <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Agency/Organization</th> <th style="width: 70%;">Name</th> </tr> </thead> <tbody> <tr> <td>USEPA</td> <td>Ralph Dollhopf 231-301-0559</td> </tr> <tr> <td>MDEQ</td> <td>Amy Keranen 906-231-6060</td> </tr> <tr> <td>TriMedia</td> <td>Tom Anthos 906-360-1545</td> </tr> <tr> <td>Kenan Advantage Group</td> <td>Richard Baron 248-310-9720</td> </tr> <tr> <td>WUPHD</td> <td>Cathryn Beer 906-201-2342</td> </tr> <tr> <td>Houghton County EM</td> <td>Chris Van Arsdale 906-281-8170</td> </tr> </tbody> </table>			Agency/Organization	Name	USEPA	Ralph Dollhopf 231-301-0559	MDEQ	Amy Keranen 906-231-6060	TriMedia	Tom Anthos 906-360-1545	Kenan Advantage Group	Richard Baron 248-310-9720	WUPHD	Cathryn Beer 906-201-2342	Houghton County EM	Chris Van Arsdale 906-281-8170			
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Houghton County EM	Chris Van Arsdale 906-281-8170																		
5. Planning Section: Chief Dan Capone 517-881-8837 Deputy Resources Unit Situation Unit Documentation Unit Demobilization Unit Technical Specialists																			
6. Logistics Section: Chief Tom Anthos 906-360-1545 Deputy Support Branch Director Supply Unit Facilities Unit Traffic Control-Hans Haapala Ground Support Unit Service Branch Director Communications Unit Medical Unit Food Unit																			
			8. Finance/Administration Section: Chief Marlin Zechman 610-968-9500 Deputy Time Unit Procurement Unit Comp/Claims Unit Cost Unit																
9. Prepared by: Name: Dan Capone Position/Title: Planning Section Chief Signature: <i>[Signature]</i>																			
ICS 203		IAP Page <u>3</u>		Date/Time: <u>2-9-18 1630</u>															

ASSIGNMENT LIST (ICS 204)

1. Incident Name: Sturgeon River US-41 Gasoline Spill		2. Operational Period: Date From: 2-10-18 Date To: 2-10-18 Time From: 0830 Time To: 1900		3. Branch: Bank Recovery Division: Group: Staging Area:																																									
4. Operations Personnel: <table style="width: 100%; border-collapse: collapse;"> <tr> <th style="text-align: left; border-bottom: 1px solid black;">Name</th> <th style="text-align: left; border-bottom: 1px solid black;">Contact Number(s)</th> </tr> <tr> <td>Operations Section Chief: Tom Anthos</td> <td>906-360-1545</td> </tr> <tr> <td>Branch Director: James Dellefde</td> <td>734-277-7103</td> </tr> <tr> <td colspan="2">Division/Group Supervisor: _____</td> </tr> </table>				Name	Contact Number(s)	Operations Section Chief: Tom Anthos	906-360-1545	Branch Director: James Dellefde	734-277-7103	Division/Group Supervisor: _____		Reporting Location, Special Equipment and Supplies, Remarks, Notes, Information																																	
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5. Resources Assigned: <table style="width: 100%; border-collapse: collapse;"> <tr> <th style="text-align: left; border-bottom: 1px solid black;">Resource Identifier</th> <th style="text-align: left; border-bottom: 1px solid black;">Leader</th> <th style="text-align: center; border-bottom: 1px solid black;"># of Persons</th> <th style="text-align: left; border-bottom: 1px solid black;">Contact (e.g., phone, pager, radio frequency, etc.)</th> </tr> <tr><td>Matt Stenberg</td><td>UPE</td><td></td><td></td></tr> <tr><td>Mark Stenberg</td><td>UPE</td><td></td><td></td></tr> <tr><td>Rob Bloniaiz</td><td>UPE</td><td></td><td></td></tr> <tr><td>Ray Coovim</td><td>UPE</td><td></td><td></td></tr> <tr><td>Mylan Koski</td><td>TriMedia Field Ops</td><td></td><td>906/360-4027</td></tr> <tr><td>Brian Bonen</td><td>B&B</td><td></td><td>906/281-2587</td></tr> <tr><td>Hans Haapala</td><td>B&B Traffic Control</td><td></td><td>906/281-8908</td></tr> <tr><td>Mitch Large</td><td>B&B</td><td></td><td></td></tr> <tr><td>Joe Lamponin</td><td>B&B</td><td></td><td></td></tr> <tr><td>Adam Kiddle</td><td>TriMedia</td><td></td><td>235-3755</td></tr> </table>		Resource Identifier	Leader	# of Persons	Contact (e.g., phone, pager, radio frequency, etc.)	Matt Stenberg	UPE			Mark Stenberg	UPE			Rob Bloniaiz	UPE			Ray Coovim	UPE			Mylan Koski	TriMedia Field Ops		906/360-4027	Brian Bonen	B&B		906/281-2587	Hans Haapala	B&B Traffic Control		906/281-8908	Mitch Large	B&B			Joe Lamponin	B&B			Adam Kiddle	TriMedia		235-3755
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Mitch Large	B&B																																												
Joe Lamponin	B&B																																												
Adam Kiddle	TriMedia		235-3755																																										
6. Work Assignments: Meet with all Truck Drivers and Traffic Control Personnel to discuss traffic and loading control plan Prep equipment for excavation loading hauling and backfill/restoration Line trucks with poly to support waste hauling activities Remove surface impacted materials and impacted ice with long stick excavator (if needed) Continue removal of impacted soils at release area North and South locations Perform soil impact delineation at rivers edge back to main spill area during excavation Load and truck impacted materials to Waste Management Landfill (site and stockpile) Manage waste ticketing/manifest Traffic Control				7. Special Instructions: Traffic Control and personnel safety must be a focus during this period of significantly increased heavy equipment activity. Air monitoring and the high potential for increased VOC vapors during excavation and loading activities will continue to be a concern and will be monitored.																																									
8. Communications (radio and/or phone contact numbers needed for this assignment): <table style="width: 100%; border-collapse: collapse;"> <tr> <th style="text-align: left; border-bottom: 1px solid black;">Name/Function</th> <th style="text-align: left; border-bottom: 1px solid black;">Primary Contact: indicate cell, pager, or radio (frequency/system/channel)</th> </tr> <tr> <td>all parties /</td> <td>contact at numbers listed above</td> </tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> </table>						Name/Function	Primary Contact: indicate cell, pager, or radio (frequency/system/channel)	all parties /	contact at numbers listed above																																				
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9. Prepared by: Name: Tom Anthos		Position/Title: Ops Section Chief		Signature:																																									
ICS 204		IAP Page 4		Date/Time: 2/9/18 16:30																																									

ASSIGNMENT LIST (ICS 204)

1. Incident Name: Sturgeon River US-41 Gasoline Spill		2. Operational Period: Date From: 2-10-18 Date To: 2-10-18 Time From: 08:30 Time To: 19:00		3. Branch: Rv Assess & Rec Division: Group: Assessment Staging Area:							
4. Operations Personnel: <table style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 60%; text-align: left;">Name</th> <th style="width: 40%; text-align: left;">Contact Number(s)</th> </tr> <tr> <td>Operations Section Chief: Tom Anthos 906-360-1545</td> <td></td> </tr> <tr> <td>Branch Director: Mylan Koski 906-360-4027</td> <td></td> </tr> <tr> <td>Division/Group Supervisor: Mylan Koski 906-360-4027</td> <td></td> </tr> </table>				Name	Contact Number(s)	Operations Section Chief: Tom Anthos 906-360-1545		Branch Director: Mylan Koski 906-360-4027		Division/Group Supervisor: Mylan Koski 906-360-4027	
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Branch Director: Mylan Koski 906-360-4027											
Division/Group Supervisor: Mylan Koski 906-360-4027											
5. Resources Assigned:		# of Persons	Contact (e.g., phone, pager, radio frequency, etc.)	Reporting Location, Special Equipment and Supplies, Remarks, Notes, Information							
Resource Identifier	Leader										
Ken Decker	SWAT		269/209-2359								
Dan Capone	EPA START		517-881-8837								
Kodi Harkins	SWAT										
Chris Tiede	TriMedia Safety		906-235-8148								
Bootjack Fire Dept	Mark Serotzke		815-739-5193								
Mylan Koski	TriMedia Field Ops		906-360-4027								

6. Work Assignments:

 No River Assessment activities planned for 2-10-18

7. Special Instructions:

8. Communications (radio and/or phone contact numbers needed for this assignment):

Name/Function	Primary Contact: indicate cell, pager, or radio (frequency/system/channel)
all parties /	contact at numbers listed above

9. Prepared by: Name: Tom Anthos Position/Title: Ops Section Chief Signature:

ICS 204

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Date/Time: 2/7/18 16:30

ASSIGNMENT LIST (ICS 204)

1. Incident Name: Sturgeon River US-41 Gasoline Spill		2. Operational Period: Date From: 2-10-18 Date To: 2-10-18 Time From: 08:30 Time To: 19:00		3. Branch: Rv Assess & Rec Division: Group: River Recovery Staging Area:											
4. Operations Personnel:															
Name Operations Section Chief: Tom Anthos 906-360-1545 Branch Director: Mylan Koski 906-360-4027 Division/Group Supervisor: Brandon Ray 269-719-5541		Contact Number(s)													
5. Resources Assigned:															
Resource Identifier	Leader	# of Persons	Contact (e.g., phone, pager, radio frequency, etc.)	Reporting Location, Special Equipment and Supplies, Remarks, Notes, Information											
Ken Decker	SWAT		269/209-2359												
Brandon Ray	SWAT		269-719-5541												
Mark Brown	SWAT														
Kodi Harkins	SWAT														
Chris Tiede	TriMedia Safety		906-235-8148												
Bootjack Fire Dept	Mark Serotzke		815-739-5193												
Mylan Koski	TriMedia Field Ops		906-360-4027												
6. Work Assignments: Discuss sequencing with Team and Excavator operator Maintain boom curtain at western edge and northern edge of surface ice impact area Continue to remove impacted water with Vac Truck, if present Work with landward operators to remove impacted materials															
7. Special Instructions: Discuss water evacuation and warming plan in the event of ice rescue															
8. Communications (radio and/or phone contact numbers needed for this assignment): <table style="width: 100%;"> <tr> <td style="width: 35%;">Name/Function</td> <td style="width: 65%;">Primary Contact: indicate cell, pager, or radio (frequency/system/channel)</td> </tr> <tr> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> </table>						Name/Function	Primary Contact: indicate cell, pager, or radio (frequency/system/channel)								
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9. Prepared by: Name: Tom Anthos Position/Title: Ops Section Chief Signature:															
ICS 204		IAP Page 6		Date/Time: 2/9/18 14:30											

ASSIGNMENT LIST (ICS 204)

1. Incident Name: Sturgeon River US-41 Gasoline Spill		2. Operational Period: Date From: 2-10-18 Date To: 2-10-18 Time From: 08:30 Time To: 19:00		3. Branch: Air Mon & Sample Division: Group: TriMedia Staging Area:	
4. Operations Personnel: <u>Name</u> _____ <u>Contact Number(s)</u> _____ Operations Section Chief: Tom Anthos 906-360-1545 Branch Director: Ashley Miller 330-646-7870 Division/Group Supervisor: Brett Bonsel 906-360-0024					
5. Resources Assigned:			# of Persons	Reporting Location, Special Equipment and Supplies, Remarks, Notes, Information	
Resource Identifier	Leader		Contact (e.g., phone, pager, radio frequency, etc.)		
Brett Bonsel	TriMedia		906-360-0024	Spill Site	
Adam Kiddle	TriMedia		906-235-3755	Spill Site	

6. Work Assignments:

Work Area monitoring using Multi-RAE and Ultra-RAE (VOCs, LEL, and Benzene) see map for locations
Perimeter Monitoring using Multi-RAE and Ultra-RAE (VOCs and Benzene) see map for locations
Community Air Monitoring using Multi-RAE and Ultra-RAE (VOCs and Benzene) see map for locations
Community Air Sampling (Summa cans at both residential dwellings) see map for locations
Record all readings and locations for delivery to GIS for updates to daily air monitoring figures

7. Special Instructions:

Report immediately to Ops section Chief and FOSC if LEL exceed 10%, VOCs Exceed 50ppm, or Benzene is detected above 0.1 ppm.

8. Communications (radio and/or phone contact numbers needed for this assignment):

Name/Function	Primary Contact: indicate cell, pager, or radio (frequency/system/channel)
all parties /	contact through numbers listed above
/	
/	
/	

9. Prepared by: Name: Dan Capone Position/Title: Planning Section Chief Signature: *[Signature]*

ICS 204 IAP Page 7 Date/Time: 2-9-18 1630

ASSIGNMENT LIST (ICS 204)

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5. Resources Assigned:		# of Persons	Contact (e.g., phone, pager, radio frequency, etc.)	Reporting Location, Special Equipment and Supplies, Remarks, Notes, Information							
Resource Identifier	Leader										
Ashley Miller	EPA START		330-646-7870	Spill site							
Evan Birkett	EPASTART		734-536-3292	Spill Site							

6. Work Assignments:
 Work Area monitoring using Multi-RAE and Ultra-RAE (VOCs, LEL, and Benzene) see map for locations
 Perimeter Monitoring using Area RAEs, Multi-RAE, and Ultra-RAE (VOCs and Benzene) see map for locations
 Community Air Monitoring using Area RAEs, Multi-RAE, and Ultra-RAE (VOCs and Benzene) see map for locations
 Residences Air Monitoring using Multi RAE and Ultra-RAE (VOCs and Benzene) see map for locations
 Record all readings and locations for delivery to GIS for updates to daily air monitoring figures

7. Special Instructions:
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<u>Name/Function</u>	<u>Primary Contact: indicate cell, pager, or radio (frequency/system/channel)</u>
all parties /	contact through numbers listed above

9. Prepared by: Name: Dan Capone Position/Title: Planning Section Chief Signature: [Signature]

ICS 204
IAP Page 8
Date/Time: 2-9-18 1630

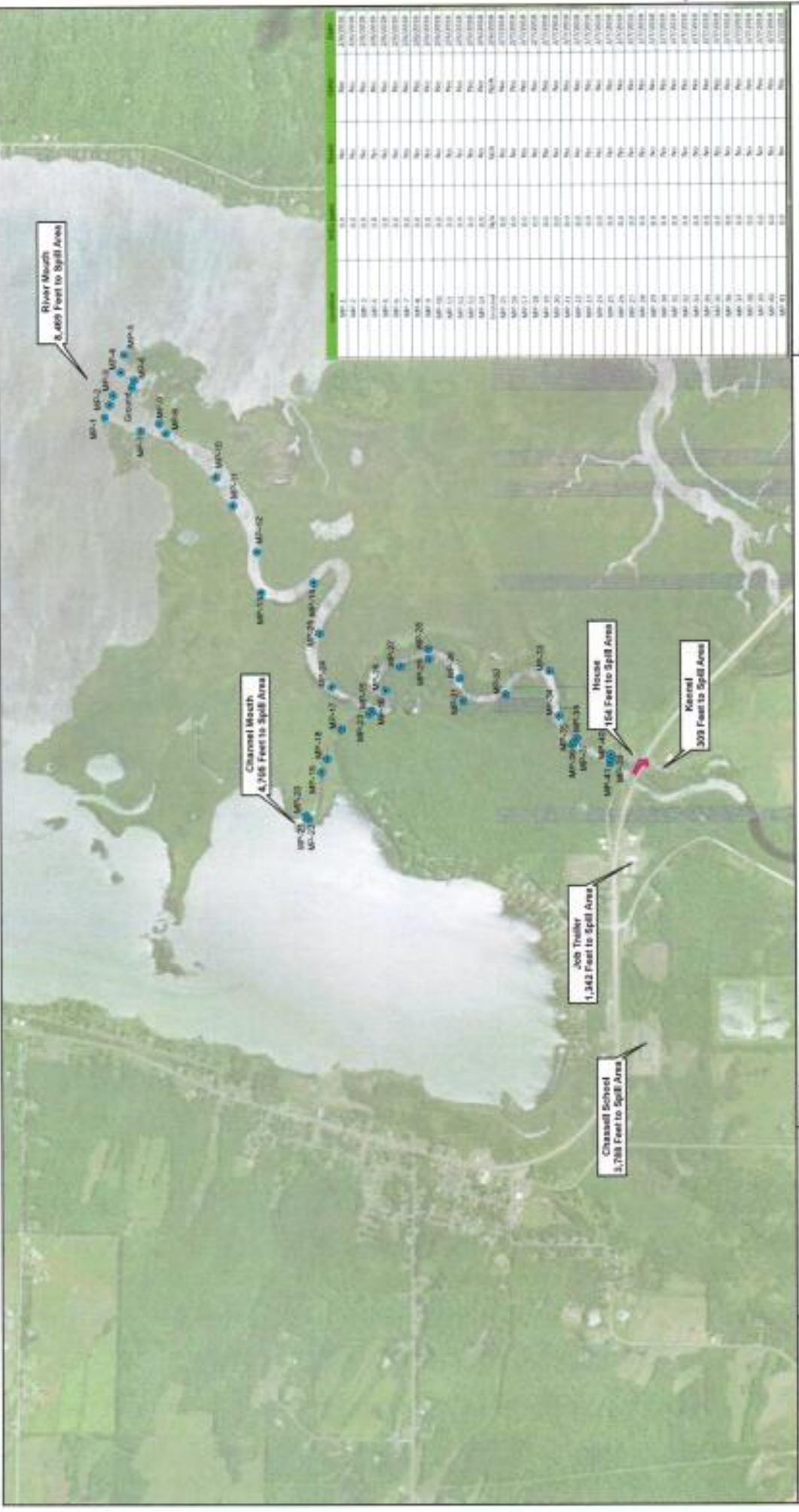
Traffic Control Plan
Sturgeon River US-41 Gasoline Spill
2-10-18

- Truck drivers, flaggers, box-lining staff, and operators will attend an 08:00 (or earlier) safety meeting to go over the haul route, traffic flow, and safety.
- The west driveway will be inbound traffic and the east driveway will be outbound traffic.
- All trucks will stage on the east side of DP Construction's shop.
- Trucks will be going past the office trailer so use caution when entering/exiting the office trailer area.
- Trucks drivers are to stay in their trucks unless they need to use the sanitary facilities adjacent to the office trailer.
- Hans Haapala of B&B Contracting or his designee will direct trucks on when to leave staging and where to go to load.
- During safety meeting, all staff will be informed on modified site parking plan to facilitate loading and excavation activities at spill site.
- Communications will be via cell phone and potentially radio from the staging area to the work site.
- No smoking.
- Last load will leave the site at 4:30 pm.

Signed: _____

Title: ops section chief

Date: 2/9/18



Point	Distance (Feet)	Product	Assessment Date
MP-1	1,342	Gasoline	10/10/18
MP-2	1,342	Gasoline	10/10/18
MP-3	1,342	Gasoline	10/10/18
MP-4	1,342	Gasoline	10/10/18
MP-5	1,342	Gasoline	10/10/18
MP-6	1,342	Gasoline	10/10/18
MP-7	1,342	Gasoline	10/10/18
MP-8	1,342	Gasoline	10/10/18
MP-9	1,342	Gasoline	10/10/18
MP-10	1,342	Gasoline	10/10/18
MP-11	1,342	Gasoline	10/10/18
MP-12	1,342	Gasoline	10/10/18
MP-13	1,342	Gasoline	10/10/18
MP-14	1,342	Gasoline	10/10/18
MP-15	1,342	Gasoline	10/10/18
MP-16	1,342	Gasoline	10/10/18
MP-17	1,342	Gasoline	10/10/18
MP-18	1,342	Gasoline	10/10/18
MP-19	1,342	Gasoline	10/10/18
MP-20	1,342	Gasoline	10/10/18
MP-21	1,342	Gasoline	10/10/18
MP-22	1,342	Gasoline	10/10/18
MP-23	1,342	Gasoline	10/10/18
MP-24	1,342	Gasoline	10/10/18
MP-25	1,342	Gasoline	10/10/18
MP-26	1,342	Gasoline	10/10/18
MP-27	1,342	Gasoline	10/10/18
MP-28	1,342	Gasoline	10/10/18
MP-29	1,342	Gasoline	10/10/18
MP-30	1,342	Gasoline	10/10/18
MP-31	1,342	Gasoline	10/10/18
MP-32	1,342	Gasoline	10/10/18
MP-33	1,342	Gasoline	10/10/18
MP-34	1,342	Gasoline	10/10/18
MP-35	1,342	Gasoline	10/10/18
MP-36	1,342	Gasoline	10/10/18
MP-37	1,342	Gasoline	10/10/18
MP-38	1,342	Gasoline	10/10/18
MP-39	1,342	Gasoline	10/10/18
MP-40	1,342	Gasoline	10/10/18
MP-41	1,342	Gasoline	10/10/18
MP-42	1,342	Gasoline	10/10/18
MP-43	1,342	Gasoline	10/10/18
MP-44	1,342	Gasoline	10/10/18
MP-45	1,342	Gasoline	10/10/18
MP-46	1,342	Gasoline	10/10/18
MP-47	1,342	Gasoline	10/10/18
MP-48	1,342	Gasoline	10/10/18
MP-49	1,342	Gasoline	10/10/18
MP-50	1,342	Gasoline	10/10/18
MP-51	1,342	Gasoline	10/10/18
MP-52	1,342	Gasoline	10/10/18
MP-53	1,342	Gasoline	10/10/18
MP-54	1,342	Gasoline	10/10/18
MP-55	1,342	Gasoline	10/10/18
MP-56	1,342	Gasoline	10/10/18
MP-57	1,342	Gasoline	10/10/18
MP-58	1,342	Gasoline	10/10/18
MP-59	1,342	Gasoline	10/10/18
MP-60	1,342	Gasoline	10/10/18
MP-61	1,342	Gasoline	10/10/18
MP-62	1,342	Gasoline	10/10/18
MP-63	1,342	Gasoline	10/10/18
MP-64	1,342	Gasoline	10/10/18
MP-65	1,342	Gasoline	10/10/18
MP-66	1,342	Gasoline	10/10/18
MP-67	1,342	Gasoline	10/10/18
MP-68	1,342	Gasoline	10/10/18
MP-69	1,342	Gasoline	10/10/18
MP-70	1,342	Gasoline	10/10/18
MP-71	1,342	Gasoline	10/10/18
MP-72	1,342	Gasoline	10/10/18
MP-73	1,342	Gasoline	10/10/18
MP-74	1,342	Gasoline	10/10/18
MP-75	1,342	Gasoline	10/10/18
MP-76	1,342	Gasoline	10/10/18
MP-77	1,342	Gasoline	10/10/18
MP-78	1,342	Gasoline	10/10/18
MP-79	1,342	Gasoline	10/10/18
MP-80	1,342	Gasoline	10/10/18
MP-81	1,342	Gasoline	10/10/18
MP-82	1,342	Gasoline	10/10/18
MP-83	1,342	Gasoline	10/10/18
MP-84	1,342	Gasoline	10/10/18
MP-85	1,342	Gasoline	10/10/18
MP-86	1,342	Gasoline	10/10/18
MP-87	1,342	Gasoline	10/10/18
MP-88	1,342	Gasoline	10/10/18
MP-89	1,342	Gasoline	10/10/18
MP-90	1,342	Gasoline	10/10/18
MP-91	1,342	Gasoline	10/10/18
MP-92	1,342	Gasoline	10/10/18
MP-93	1,342	Gasoline	10/10/18
MP-94	1,342	Gasoline	10/10/18
MP-95	1,342	Gasoline	10/10/18
MP-96	1,342	Gasoline	10/10/18
MP-97	1,342	Gasoline	10/10/18
MP-98	1,342	Gasoline	10/10/18
MP-99	1,342	Gasoline	10/10/18
MP-100	1,342	Gasoline	10/10/18

Drawn: ESN 2/7/2018

Approved: MAK 2/7/2018

Project #: 2018-024

Map Location

Legend

- Spill Area
- On River Product Assessment Locations

0 625 1,250 2,500 Feet

FIGURE 2
STURGEON RIVER US 41 GASOLINE SPILL
SPILL AREA DISTANCES & RIVER ASSESSMENT
SHEET 1 OF 1